

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER BARK-1-24002		
U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5)		
INTERNATIONAL APPLICATION NO. PCT/GB2003/02124	INTERNATIONAL FILING DATE May 16, 2003	PRIORITY DATE CLAIMED May 16, 2002
TITLE OF INVENTION PARTICLE SEPARATION		
APPLICANT(S) FOR DO/EO/US Graeme Stewart SHORTIS		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by **Express Mail**:

- ☒ 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- ☒ 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ 4. The U.S. has been elected (Article 31).
- ☒ 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- ☐ a. is attached hereto (required only if not communicated by the International Bureau).
- ☒ b. has been communicated by the International Bureau.
- ☐ c. is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)):
- ☐ is attached hereto.

- _____ has been previously submitted under 35 U.S.C. 154 (d)(4).
- X 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- X a. are attached hereto (required only if not communicated by the International Bureau).
- _____ b. have been communicated by the International Bureau.
- _____ c. have not been made; however, the time limit for making such amendments has NOT expired.
- _____ d. have not been made and will not be made.
- _____ 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- _____ 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- _____ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

- X 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- _____ 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- X 13. A preliminary amendment.
- _____ 14. An Application Data Sheet under 37 C.F.R. 1.76.
- _____ 15. A substitute specification.
- _____ 16. A power of attorney and/or change of address letter.
- _____ 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13^{ter}.2 and 37 C.F.R. 1.821 – 1.825.
- X 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- _____ 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- X 20. Other items or information:
- a. November 7, 2003, correspondence to The International Bureau (9 pages).

- b. Copy of Int'l Application No. PCT/GB2003/002124, published November 27, 2003, with international search report, and amended claims and statement.

<u>X</u> 21. The following fees are submitted:.				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5):					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,110					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$790					
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$750					
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$950	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$--	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	42 - 20 =	22	X \$18	\$396	
Independent claims	6 - 3 =	3	X \$88	\$264	
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$300	\$--	
TOTAL OF ABOVE CALCULATIONS =				\$1610	
<u>X</u> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$805	
SUBTOTAL =				\$805	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$--	
TOTAL NATIONAL FEE =				\$805	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$--	
TOTAL FEES ENCLOSED =				\$805	
				Amount to be: refunded	\$
				charged	\$

X a. A check in the amount of \$805 covering the above fees is enclosed. Check No. 159441.

- _____ b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- _____ c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO:

Customer No. 26389

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Respectfully submitted,

CHRISTENSEN O'CONNOR
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EXPRESS MAIL CERTIFICATE

Express Mail No.: EV 535893713 US
Date of Deposit: November 15, 2004

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregg Peria-Hansen

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

PAS/bhp